



# GNP Graystar

Specialty Materials

AN ISO 9001 CERTIFIED COMPANY



## TECHNICAL DATA SHEET

### High Performance Monoclinic Zirconia Powder

#### Typical Chemistry & Properties

	GNP 12	GNP 15	GNP 10
% ZrO <sub>2</sub> min.	99.2	99.2	99.0
% SiO <sub>2</sub> max.	0.30	0.30	0.50
% Al <sub>2</sub> O <sub>3</sub> max.	0.10	0.10	0.10
% Fe <sub>2</sub> O <sub>3</sub> max.	0.04	0.04	0.04
% TiO <sub>2</sub> max.	0.10	0.10	0.15
Particle Size	0.8 µm	1.7 µm	3 µm

#### *Description:*

GNP Graystar's Fused High Performance Monoclinic Zirconia Powder exhibits a unique micro-coral like structure. As compared to ordinary fused zirconia, this product has high purity, high activity, high surface area, and a low sintering temperatures.

#### *Applications:*

GNP Graystar's Fused High Performance Monoclinic Zirconia Powder is used for high end ceramic pigments (high temperature praseodymium yellow and zirconia iron pink), high temperature kiln furniture, structural ceramics, and refractories.

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